PTO/SB/05 (11-00)
Approved in through 10/31/2002. OMB 0651-0032
U.S. Patent and Track Company. S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorn	orney Docket No. 02578.0006.CPUS01			
First Inventor		Scott A. Chalmers and Randall S. Geels		
Title	Title Method And Apparatus For High-Speed Thickness Mapping Of Patterned Thin Films		Ŋ	
			7	

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Ma				il Label No.	EL557885	53208		
APPLICATION ELEMENTS						Commissioner for		Š
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				ADL	ORESS TO:	Box Patent Applic Washington, DC 2		
				7.1	ROM or CD- gram (Appen		e table or Computer	
(000	small entity status.			g Nuc		r Amino Acid Sequ	uence Submission	
3. Specification (preferred arrangement)		Pages 29]		а. 🔲	Compute	er Readable Form (C	RF)	
 Descriptive title Cross Reference 	of the Invention se to Related Application			 b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or 				
- Reference to s	arding Fed sponsored R equence listing, a table, or			ii. 🗀] paper			
computer progre - Background of	am listing appendix the Invention			с. 🗌	Stateme	nts verifying identify	of above copies	
- Brief Summary	1.	d)		ACCOMPANYING APPLICATION PARTS				
Detailed DescrClaim(s)	iption			9.	ignment Paper	s (cover sheet & docu	ument(s))	
- Abstract of the	Disclosure			10. 37 CFR 3.73(b) Statement Power of Attorney			ttorney	
4. Drawing(s) (35 U	J.S.C. §113) [Total I	Pages [13]		~		document (if applica	able)	
5. Oath or Declarat	ion [<i>Total l</i>	Pages]			rmation Disclos S)/PTO-1449	ure Statement	Copies of I Citations	DS
a. Nev	vly executed (original or copy	y)		_	liminary Amend			İ
b. Cop	by from a prior application (3) continuation/divisional with Box 1	7 CFR 1.63(d)) 7 completed)		14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)			he prior	15. Certified Copy of Priority Document(s) (if foreign priority is daimed)				
at	μικαμοί, see 37 CFK 1.03(0)(2) δ			16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76				17. Oth		. 0.00,00 0 0 04		
18. If a CONTINUING APP			ly the requis			reliminary amendmei	nt or in an Application D	ata
Sheet under 37 CFR 1.76:	LIOATION, Chock appropr	nate box, and suppl	iy ino roquio				.,	
☐ Continuation	☐ Divisional	Continuation-in-pa		of prior application No: 09.611,219 Group / Art Unit: 2877				
Prior application information:		niner To be assig			-	th or doctoration is	aumatical under Boy Eb	·
For CONTINUATION OR DIV considered a part of the disconly be relied upon when a	losure of the accompanyi	ng continuation or	r divisional	application and	l is hereby inc	orporated by refere	nce. This incorporation	n <u>can</u>
19. CORRESPONDENCE ADDRESS								
Customer Number or Bar Code Label 22930 or Correspondence address below								
Name Robert C. Laurenson								
	Howrey Simon Arnold & White,			, LLP				
Address	301 Ravenswo	1						
City Menlo Park		State	CA		Zip Code	94025		
Country USA Telephone		9	(858) 622-5100 Fax (650) 463-8400				0	
Name (Print/Type)	Robert C. Lauren	sop		Registration No. (Attorney/Agent) 34,206				
Signature	(Killat C.)	Tunevser			Dat	e July 3	2001	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

HOWREY SIMON ARNOLD & WHITE, LLP 301 Ravenswood Avenue, Box No. 34 Menlo Park, CA 94025 (858) 622-5100

Box Patent ApplicationCOMMISSIONER FOR PATENTS
Washington, D.C. 20231

Re: Ne

New U.S. Non-Provisional Utility Patent Application

Continuation-in-Part of U.S. Application No. 09/611,219, filed July 6,

2000

For: Method And Apparatus For High-Speed Thickness Mapping Of

Patterned Thin Films

Inventors: Scott A. Chalmers and Randall S. Geels

Our Ref: 02578.0006.CPUS01

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a continuation-in-part application of prior Application No. 09/611,219, consisting of the following documents:

- 1. Utility Patent Application Transmittal Form (PTO/SB/05);
- 2. Patent Application consisting of 29 pages, to include 6 pages of claims and 1 page abstract;
- 3. Figures 1 through 11, consisting of 13 sheets;
- 4. Fee Transmittal Form (PTO/SB/17);
- 5. Form PTO-1082; and
- 6. Return postcard.

It is respectfully requested that the enclosed return postcard be stamped with the filing date and unofficial application number and returned to this office as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. **08-3038** referencing docket number 02578.0006.CPUS01.

Respectfully submitted,

Palud P. Junish

Date: July ___3_, 2001

Robert C. Laurenson, Reg. No. 34,206

10971 U.S. PTO 09/899383

02578.0006.CPUS01

Express Mail Label No.

TOTAL AMOUNT OF PAYMENT

Attorney Docket No.

FEE	TRAN	ISMI	ΓTAL
1	for FY	200°	1

Patent fees are subject to annual revision.

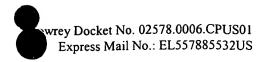
EL557885532US

\$584

Complete if known		
Application Number		
Filing Date		
First Named Inventor	Scott A. Chalmers	
Examiner Name		
Group Art Unit		

METHOD OF PAYMENT		FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3.	ADDI [*]	TIONA	AL FEES	S	
Deposit Acct. No.	Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
Deposit Account Howrey Simon Arnold & White, LLP	105	130	205	65	Surcharge—late filing fee or o	ath
Name	127	50	227	25	Surcharge - late provisional fi	ling fee or cover sheet
Charge Any Additional Fee Required	139	130	139	130	Non-English specification	
Under 37 CFR 1.16 and 1.17	147	2,520	147	2,520	For filing a request for ex part	e reexamination
Applicant claims small entity status.	112	920°	112	920°	Requesting publication of SIR	prior to Examiner Action
See CFR 1.27.	113	1,840*	113	1,840*	Requesting publication of SIR	after Examiner Action
2 Roymont Englaced:	115	110	215	55	Extension for reply within first	month
2. Payment Enclosed: Check Credit Card Money Other	116	390	216	195	Extension for reply within seco	ond month
Check Credit Card Money Other	117	890	217	445	Extension for reply within third	I month
FEE CALCULATION	118	1,390	219	695	Extension for reply within four	th month
. BASIC FILING FEE	128	1,890	228	945	Extension for reply within fifth	month
Large Entity Small Entity	119	310	219	155	Notice of Appeal	
Fee Fee Fee Fee	120	310	220	155	Filing a brief in support of an a	appeal
Code (\$) Code (\$) Fee Description Fee Paid 101 710 201 355 Utility filing fee 355	121	270	221	135	Request for oral hearing	
	138	1,510	138	1,510	Petition to institute a public us	se proceeding
106 320 206 160 Design filing fee 107 490 207 245 Plant filing fee	140	110	240	55	Petition to revive - unavoidabl	
	141	1,240	241	620	Petition to revive - unintention	
1 This	142	1,240	242	620	Utility issue fee (or reissue)	
mai -	143	440	243	220	Design issue fee	
SUBTOTAL (1) (\$) 355	144	600	244	300	Plant issue fee	
2. EXTRA CLAIM FEES	122	130	122	130	Petitions to the Commissioner	
Extra Fee from Fees Paid	123	50	123	50	Petitions related to provisiona	
Claims below	126	240	126	180	Submission of Information Dis	· · · · · · · · · · · · · · · · · · ·
Total Claims 41 -20**= 1 X 9 = 189	581	40	581	40	Recording each patent assign number of properties)	——————————————————————————————————————
Independent 4 - 3**= 1 x 40 = 40	ゴ				names of properties,	
Claims Multiple Dependent = =	146	710	246	355	Filing a submission after final	rejection (37 CFR
Large Entity Small Entity	149	710	249	355	§1.129(a) For each additional invention	to be examined (37 CFR
Fee Fee Fee Fee Description					§ 1.129(b)	
Code (\$) Code (\$)	179	710	279	355	Request for Continued Examin	nation (RCE).
103 18 203 9 Claims in excess of 20						
102 80 202 40 Independent claims in excess of 3	169	900	169	900	Request for expedited examin	ation of a design
104 270 204 135 Multiple dependent claim, if not p	aid Othe	er fee (specif	ý)		application	
109 80 209 40 **Reissue independent claims over original patent						
110 18 210 9 **Reissue claims in excess of 20 and over original patent	*Redu	ced by Basi	c Filing Fe	ee Paid	SUBTOTAL (3)	(\$) 0.00
SUBTOTAL (2) (\$) 229	1					
**or number previously paid, if greater; For Reissues, see above						
SUBMITTED BY Complete (if applicable)						
Name (Print/Type) Robert C. Laurenson Re				4,206	Telephone	(858) 622-5100
3 2004						
Signature Much C YMMN SIN					Date	, 2001

FORM PTO-1082



HOWREY SIMON ARNOLD & WHITE, LLP Box No. 34 1299 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2402 (202) 783-0800

Box Patent Application COMMISSIONER FOR PATENTS Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Scott A. Chalmers and Randall S. Geels for METHOD AND APPARATUS FOR HIGH-SPEED THICKNESS MAPPING OF PATTERNED THIN FILMS.

1. Utili
2. Utili
3. Drav
4. Repl

- Utility Patent Application Transmittal
- **Utility Application**
- **Drawings**
- Reply Postcard

		(Col. 1)	(Col. 2)
Ų.	FOR	NO. FILED	NO. EXTRA
	BASIC FEE		
	TOTAL CLAIMS	41 - 20 =	21
	INDEP. CLAIMS	4 -3=	1
	MULTIPLE DE	EPENDENT CL	AIM

^{*}If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY				
RATE	FEE			
	\$ 355.00			
x 9 =	189.00			
x 40 =	40.00			
+ 130 =	.00			
TOTAL	\$584.00			

OTHER THAN A SMALL ENTITY				
OR	RATE	FEE		
OR	and the	\$ 0.00		
OR	x 18 =	0.00		
OR	x 78=	0.00		
OR	+ 260 =	0.00		
OR	TOTAL	\$0.00		

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

HOWREY SIMON ARNOLD & WHITE, LLP

Robert C. Laurenson, Reg. No. 34,206